# Splashproof, portable pH, mV & °C meter

part no: HI 8424

Laboratory

#### pН pН рΗ рΗ рH



### Inexpensive and easy to use

ne of the most popular pH meters on the market, this splashproof, portable meter delivers fast, accurate pH, ORP and temperature measurements.

Not only does it offer a 0.01 pH resolution across the pH scale, but it is also easy to use without constant reference to an instruction manual.

Calibration is automatic at one or two points with three memorised buffer values - pH 4.01, 7.01, 10.01. Once the instrument has been calibrated, the buffer values used during calibration are displayed with tags on the display screen.

This keeps users informed of the current calibration and helps to avoid taking measurements that are out of range.

## Splashproof, portable pH, mV & °C meter

part no: HI 8424

#### Supplied with

pН

HI 1230B pH electrode

- HI 7662 temperature probe
- HI 70004 pH 4.01 buffer solution sachet

pН

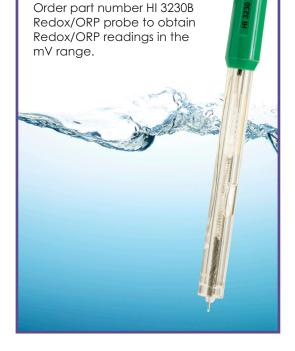
pН

HI 70007 pH 7.01 buffer solution sachet

HI 700661 electrode cleaning solution sachets x 2

Battery, protective case and instructions

Want to test Redox/ORP?



Product Code		HI 8424
Range	рН	-2.00 to 16.00 pH
	mV	±699.9 mV; ±1999 mV
	Temperature	-20.0 to +120.0°C
Resolution	рН	0.01 pH
	mV	0.1 mV; 1 mV
	Temperature	0.1°C
Accuracy	рН	±0.01 pH
	mV	±0.2 mV; ±1 mV
	Temperature	±0.4°C
pH Calibration		automatic, 1 or 2 point with 3 memorized buffer values (4.01, 7.01, 10.01)
	Offset Calibration	±1 pH
	Slope Calibration	75 to 110%
Input Impedance		1012 Ohm
Temperature Compensation		Automatic, -20 to 120°C or manual without temperature probe
pH Electrode		HI-1230B, double junction, gel filled PEI (PolyEther-Imide) body, BNC connector, 1m cable (included)
Temperature Probe		HI-7669AW with 1 m cable (included)
Battery Type / Life		1 x 9V / approx. 150 hours of continuous use; auto-off after 20 minutes of non-use or disabled (user-selectable)
Environment		0 to 50°C ; RH max 100%
Dimensions / Weight		164 x 76 x 45 mm / 180 g

pН

**Specifications** 

рΗ

Spare electrodes and solutions available for this meter



Light Blue: HI 180C

Green: HI 180E

Blue: HI 180F



Pricing on any accessories shown can be found by keying the part number into the search box on our website. The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

# www.wolflabs.co.uk

Tel : 01759 301142 Fax : 01759 301143 sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.